

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In the application of:

Yoshihiro TAKAI et al.	Confirmation No.: 5209
Patent Number: 7,221,733 B1	Examiner: Artman, Thomas R.
Issue Date: May 22, 2007	Group Art Unit: 2882
For: METHOD AND APPARATUS FOR IRRADIATING A TARGET	

**PETITION FOR CERTIFICATE OF  
CORRECTION PURSUANT TO 37 CFR §1.322**

Attention: Certificate of Correction Branch  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR § 1.322, Applicant respectfully requests the Commissioner for a Certificate of Correction for the above-identified U.S. Letters Patent incorporating the following changes:

1. In column 7, line 53, delete OR and replace with OF. Support for this replacement can be found on page 15, line 22 of the specification as originally filed.
2. At Column 12, line 39, please delete found and replace with formed.
3. At Column 12, line 50, please delete superposing and replace with superimposing.

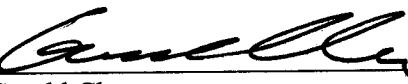
**CONCLUSION**

Pursuant to 37 CFR 1.322, Applicant respectfully petitions the Commissioner to issue a Certificate of Correction for U.S. Patent 7,283,638 B2, which incorporates the above-identified correction. Form PTO/SB/44 showing the change is enclosed herein.

If the Examiner has any questions regarding this Certificate of Correction, he or she is encouraged to contact the undersigned at the number listed below so that, if necessary, an interview with Applicant and/or Applicant's attorney can be arranged.

The error appears to be on the part of the Office and it is believed no fees are due. If for any reason a fee is found to be necessary, our Deposit Account No. **50-4047**, referencing billing no. **VM7012072001** may be charged therefore.

Respectfully submitted,

Date: 12/31/07 By:   
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## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 7,221,733 B1

DATED : May 22, 2007

INVENTOR(S) Yoshihiro TAKAI et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

IN THE SPECIFICATIONS:

In column 7, line 53, delete OR and replace with OF.

IN THE CLAIMS:

Column 12, Claim 4 should read:

--The method as claimed in claim 1, wherein the step of generating an image signal further includes the steps of:

    illuminating the target and an area near the target with a first image beam;  
and

    detecting a first image of the at least one marker formed by the first image beam.--

Column 12, Claim 6 should read:

--The method as claimed in claim 1, wherein the step of adjusting a radiation beam further includes the steps of:

    superimposing the tracking signal on a radiation treatment plan; and  
    generating a beam adjustment signal using the treatment plan with the tracking signal superimposed thereon.--

MAILING ADDRESS OF SENDER:

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PATENT NO. 7,221,733 B1

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

*If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.*